



COLGATE-PALMOLIVE Company
MATERIAL SAFETY DATA SHEET

This industrial Material Safety Data Sheet is not intended for consumers and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Dynamo Heavy Duty Liquid Laundry Detergent
Traditional, Waterfall Fresh, Bleach Alternative

Effective Date: August 3, 2001

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Acute Health...1 Fire.....1 Reactivity.....0	COLGATE-PALMOLIVE COMPANY 300 Park Avenue New York NY 10022
<div>HMIS HAZARD RATING Least=0 Slight=1 Moderate=2 High=3 Extreme =4</div>	EMERGENCY TELEPHONE NUMBER: For emergency involving spill, leak, fire, exposure or accident, call CHEMTREC (800) 424-9300, day or night
PRODUCT NAME: Dynamo Heavy Duty Liquid Laundry Detergent -Traditional, Waterfall Fresh, Bleach Alternative SKU#: 48150,48428,48175,48110,48126,540400,540300,540500,40700,40600,48450,48405,48475,48103 CAS NUMBER: Not applicable – product is a mixture GENERAL USE: Formulated liquid laundry detergent .	THE PITTSBURGH POISON CENTER HAS BEEN PROVIDED SPECIFIC INFORMATION FOR USE IN MEDICAL EMERGENCIES INVOLVING THIS PRODUCT: CALL COLLECT: (412) 692-5596.

2. COMPOSITION/INFORMATION ON INGREDIENTS

OSHA-REGULATED COMPONENTS (present at a concentration of > or = 1%):

Component	CAS#	%	PEL	TLV
Not Applicable				

The following components, present at a concentration of > or = 0.1%, are listed as carcinogens or potential carcinogens by either the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or OSHA:

Component	CAS#	%	PEL	TLV
Not Applicable				

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Direct exposure to large amounts of undiluted product causes eye irritation. However, no permanent eye injury is expected.

SKIN CONTACT: May cause skin irritation on prolonged or excessive contact with undiluted product.

INGESTION: May be harmful if swallowed in large amounts.

INHALATION: No adverse effects expected.

4. FIRST AID MEASURES

EYE CONTACT: Flush eyes with large amounts of water for 15 minutes. Get medical attention if irritation persists.

SKIN CONTACT: Rinse area with plenty of water. Get medical attention if irritation persists.

INGESTION: Drink 2-4 ounces of a clear liquid. Get medical attention.

INHALATION: Not Applicable.

5. FIRE FIGHTING MEASURES

Flash Point (Method): >200F

Extinguishing Media: Water spray, all-purpose dry chemical, CO₂.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and protective clothing should be worn when fighting chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Cover with inert, absorbent material and remove to disposal container. Spill area may be slippery. Flush with plenty of water.

7. HANDLING AND STORAGE

Store in a tightly closed container in a cool, dry, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONTROLS: Avoid eye and skin contact.

PROTECTIVE CLOTHING: The use of safety goggles and protective gloves is recommended for potential exposure to product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Blue liquid
Specific gravity @20C:	1.025 +/- 0.01
pH (as is):	11.6 +/- 0.3

10. STABILITY AND REACTIVITY

GENERAL: This product is stable. Hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS: Avoid contact with strong acids, alkalis and oxidizing agents.

HAZARDOUS DECOMPOSITION: May produce irritating and/or toxic fumes upon thermal decomposition.

11. TOXICOLOGICAL INFORMATION

This product has not been tested as a whole. However, this formula was reviewed by expert toxicologists in the Product Safety Assurance Department of Colgate-Palmolive and is determined to be safe for its intended use. This review has taken into consideration available safety-related information including information on individual ingredients, similar ingredients, similar formulas and potential ingredient interactions. This review is a component of the hazard determination used to prepare the statements in Section 3 of the MSDS.

12. ECOLOGICAL INFORMATION

Not Available

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state, and federal laws and regulations (contact local or state environmental agency for specific rules). Do not dump into sewers, any body of water or onto the ground.

14. TRANSPORTATION

Not regulated as a DOT hazardous material.

15. REGULATORY INFORMATION

<p>RCRA (40 CFR 261, Subpart D): Not Applicable</p> <p>CLEAN WATER ACT: Contains sodium dodecylbenzene which is a Section 311 materials.</p> <p>CLEAN AIR ACT: Contains methanol which is a Section 111 material.</p> <p>SARA: Sections 301-304 (Threshold planning quantity - TPQ) 40 CFR 355: No TPQ for any component. Not Applicable</p> <p>Section 313 (Toxic chemical release reporting) 40 CFR 372: The following chemicals must be reported under SARA 313: Not Applicable</p> <p>CERCLA: Section 102 (Reportable Quantity - RQ) 40 CFR 302: The Reportable Quantity (RQ) for this product to the environment is 50,000 lbs. based on the presence of sodium dodecylbenzene sulfonate (2%). Releases greater than or equal to 50,000 lbs. must be reported to the National Response Center (NRC) immediately: 800-424-8802.</p>	<p>New Jersey Right to Know Hazardous Substance List: This product contains the following components subject to reporting requirements: Sodium dodecylbenzene sulfonate, methanol</p> <p>Pennsylvania Hazardous Substance List: This product contains the following components subject to reporting requirements: Sodium dodecylbenzene sulfonate</p> <p>Massachusetts Substance List: This product contains the following components subject to reporting requirements: Sodium dodecylbenzene sulfonate, methanol</p> <p>California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): This product contains the following components subject to reporting requirements: None</p> <p>Canada: Workplace Hazardous materials Information System (WHMIS)-listed material. This product contains the following components subject to reporting requirements: None</p> <p>TSCA Section 8(b) Inventory Status: All ingredients in this product are listed on the TSCA Inventory or are not required to be listed on the TSCA Inventory.</p>
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16. OTHER INFORMATION

Effective Date: August 6, 2001

Supersedes MSDS dated: June 9, 2000 (Traditional), January 11, 2001 (Waterfall Fresh), April 5, 2000 (Bleach Alternative)

MSDS Status: Revised sections 1,3,4,5,6,7,8,9,11,15

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